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Erratum: Roughness corrections to the Casimir force

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Erratum: “Roughness corrections to the Casimir force: The importance of local surface slope” [Appl. Phys. Lett. 91, 144108 (2007)]

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We would like to correct Fig. 4 since due to an error in the calculation of the force difference for the curve of the perfect Au films (Green-upward triangles), the real relative difference is lower in magnitude. However, the results and conclusions of the paper are not affected by this correction at all.

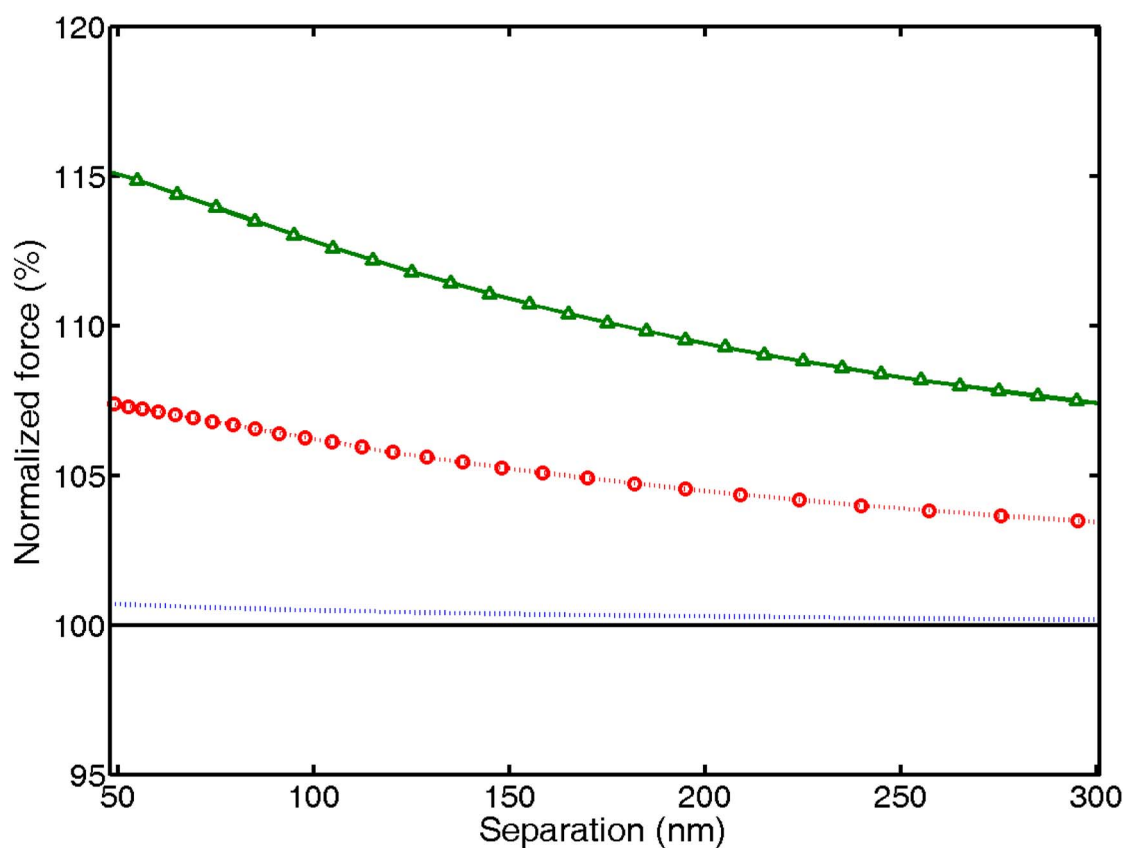


FIG. 4. (Color online) Normalized Casimir force for real films with different optical properties for a 400 nm thick nonannealed film (solid line), a 200 nm (dotted line), 100 nm (circles), and a “perfect” gold film (triangles).

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